

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	23	((("4111081") or ("4150186") or ("4292356") or ("4313524") or ("4347912") or ("20020139611") or ("4379191") or ("4384020") or ("4423573") or ("4433021") or ("4487794") or ("4522859") or ("4990391") or ("5202174") or ("5227227") or ("5229185") or ("5554830") or ("5832685") or ("5910082") or ("5923002") or ("5975238") or ("6244378") or ("6467228"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 12:59
S13	1	("4706422").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 13:00
S14	19	("2350513"   "3070186"   "3195698"   "3963094"   "4020604"   "4391073").PN. OR ("4706422").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:07
S15	1	("20030046889").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 14:08
S16	55	panel and metal near substrate and nonwoven	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 14:55
S17	146	panel and metal and nonwoven and acoustic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 15:14
S18	15	celing with panel and metal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 15:15

## EAST Search History

S19	5613	ceiling with panel and metal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 15:42
S20	80	ceiling with panel and metal and nonwoven	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 15:16
S21	80	ceiling with panel and metal and nonwoven	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 15:18
S22	23	ceiling with panel and metal and fibrous with cover	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 15:45
S23	8	ceiling with panel and nonwoven with cover	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 15:46
S24	227	(181/295).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 17:27
S25	4	("3858676"   "5683278"   "5824973"   "6182787").PN. OR ("6877585").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 15:49
S26	14	("3542638"   "3977492"   "4283457"   "4851283").PN. OR ("5824973").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:15
S27	80	metal with substrate and ceiling and nonwoven	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/17 17:15

## EAST Search History

S28	83	metal with substrate and ceiling and nonwoven	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 17:15
S29	239	panel and nonwoven and acoustic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 17:33
S30	0	acoutic and nonwoven and woven	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 17:33
S31	600	acoustic and nonwoven and woven	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/17 17:40
S32	96206	nonwoven acoutic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/17 17:41
S33	29119	nonwoven acoutic	USPAT	OR	ON	2007/04/17 17:43
S34	2884	nonwoven acoutic	USOCR	OR	ON	2007/04/17 17:42
S35	0	nonwoven and acoutic	USPAT	OR	ON	2007/04/17 17:43
S36	1115	nonwoven and acoustic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 14:13

## EAST Search History

S37	272492	(aperture hole puncture perforation) with (different multiple varying various group)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 14:14
S38	119635	(aperture hole puncture perforation) with (different multiple varying various group)and plate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 14:15
S39	1067	(aperture hole puncture perforation) with (different multiple varying various group)and "181". clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 14:34
S40	305	(aperture hole puncture perforation cavity ) with (different multiple varying various group)and "181". clas. and panel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 14:40
S41	40299	(aperture hole puncture perforation cavity ) with (different multiple varying various group)and panel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 14:42
S42	8122	(aperture hole puncture perforation cavity ) with (different multiple varying various group)and panel and (sound acoustic noise)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 14:43
S43	4	(aperture hole puncture perforation cavity ) with (different multiple varying various group)and panel and (sound acoustic noise)and attenuat	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 14:44

## EAST Search History

S44	847	(aperture hole puncture perforation cavity ) with (different multiple varying various group)and panel and (sound acoustic noise)and (attenuate attenuating)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 14:44
S45	960	(aperture hole puncture perforation cavity ) with (different multiple varying various group)and panel and (sound acoustic noise)and (attenuate attenuating deaden deadening)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 14:44